



Mueller Brass, Belding Michigan 8/8/2010

West Chip Dryer Modification Timeline

11/21/09 KML water treatment was contacted to come in and test the water quality of the scrubber.
01/05/10 Changed scrubber spray control so they would operate all sprays all the time.
02/11/10 Ordered Gas train upgrade.
02/15/10 PECO was contacted to evaluate the scrubber pumps.
04/22/10 Replaced combustion burner, burner controller, and combustion blower fan.
04/27/10 Meeting with Waltz Holst to discuss dryer issues.
05/14/10 Upgraded combustion blower fan from 25HP to 30HP motor.
05/17/10 Phone conversation with BACT regarding dryer issues.
05/18/10 Phone conversation with Amerex regarding dryer issues.
05/19/10 Meet with TurboSonic regarding dryer issue solutions.
05/25/10 Amerex sent service tech to Belding to look at dryer.
05/28/10 Contacted Waltz Holst to review dryer fan speeds.
06/01/10 Changed recirculation damper from 30% closed to 60% closed.
06/01/10 Updated program for scrubber spray control to operate all sprays all the time (permanent change)
06/04/10 Changed recirculation damper from 60% closed to 50% closed.
06/08/10 Meet with Turbosonic to review possible solutions.
06/08/10 Replaced Cyclones.
06/15/10 Meet with Turbosonic and IMM to review installation concepts.
06/18/10 Further discussions with BACT regarding solutions to the dryer issues.
06/20/10 Received proposal from TurboSonic for upgrading scrubber.
07/01/10 Received proposal from Amerex.
07/14/10 Meet with Amerex to review site and concepts for dryer issues.
07/29/10 Reviewed final proposal details.
8/1/10 West was down
08/02/10 Received proposal from BACT., west was down
08/03/10 west was running
08/04/10 west was running
08/05/10 west was running
08/06/10 west was running
08/07/10 west was running
08/08/10 west was running
08/09/10 west was running
09/13/10 thru 09/20/10 west was **NOT** running
09/21/10 enhancements to the west chip dryer were completed
10/14/10 west was **NOT** running
10/19/10 west was **NOT** running
10/25/10 west was **NOT** running
11/11/10 west was running
11/15/10 west was **NOT** running
11/16/10 west was **NOT** running
11/19/10 thru 11/28/10 west was **NOT** running
12/07/10 west was **NOT** running

East Chip Dryer Modification Timeline

07/05/10 Changed scrubber spray control to operate all sprays all the time.

08/09/10 Last day the east chip dryer was operational

August 1st. The east was running

August 2nd. The east was running

August 3rd. The east was running.

August 4th. The east was running.

August 5th. The east was running.

August 6th was running^a and the east was shutdown at 7:00pm.

August 7th. The east was running.

August 8th. The east was running.

August 9th. The east was running.

only the west chip dryer has been in operation since August 9

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